

Title (en)

Apparatus for forming images onto record paper

Title (de)

Vorrichtung zur Erzeugung von Bildern auf Aufzeichnungspapier

Title (fr)

Appareil pour la formation d'images sur papier d'enregistrement

Publication

EP 0944242 B1 20090826 (EN)

Application

EP 99100684 A 19990115

Priority

JP 7208998 A 19980320

Abstract (en)

[origin: EP0944242A2] By means of a plurality of image carrying units, a correction mark formation unit transfers mixed color mark trains in right and left lines onto a moving member in the form of a belt. The mixed color mark trains serve as marks for correcting image offsets between color images and each consist of K-C, K-M and K-Y two-color marks which are superposed on each other in an offset manner. A correction value calculation unit detects a lightness pattern of the mixed color mark trains transferred onto the moving member and figures out correction values for image offsets between color images from the phase of this lightness pattern. A positional offset correction unit automatically corrects the offsets between the color images on the basis of the correction values acquired by the correction value calculation unit. <IMAGE>

IPC 8 full level

G03G 21/14 (2006.01); **H04N 1/50** (2006.01); **B41J 11/42** (2006.01); **G03G 15/01** (2006.01); **G03G 15/16** (2006.01)

CPC (source: EP US)

H04N 1/506 (2013.01 - EP US)

Cited by

EP0994618A1; EP1821156A1; EP1574345A2; US7940418B2; US8102563B2; US7937007B2; US8331822B2

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EP 0944242 A2 19990922; **EP 0944242 A3 20000719**; **EP 0944242 B1 20090826**; CN 100344147 C 20071017; CN 1235284 A 19991117; DE 69941314 D1 20091008; JP 3266849 B2 20020318; JP H11272037 A 19991008; US 6198896 B1 20010306

DOCDB simple family (application)

EP 99100684 A 19990115; CN 99104123 A 19990318; DE 69941314 T 19990115; JP 7208998 A 19980320; US 23445599 A 19990121